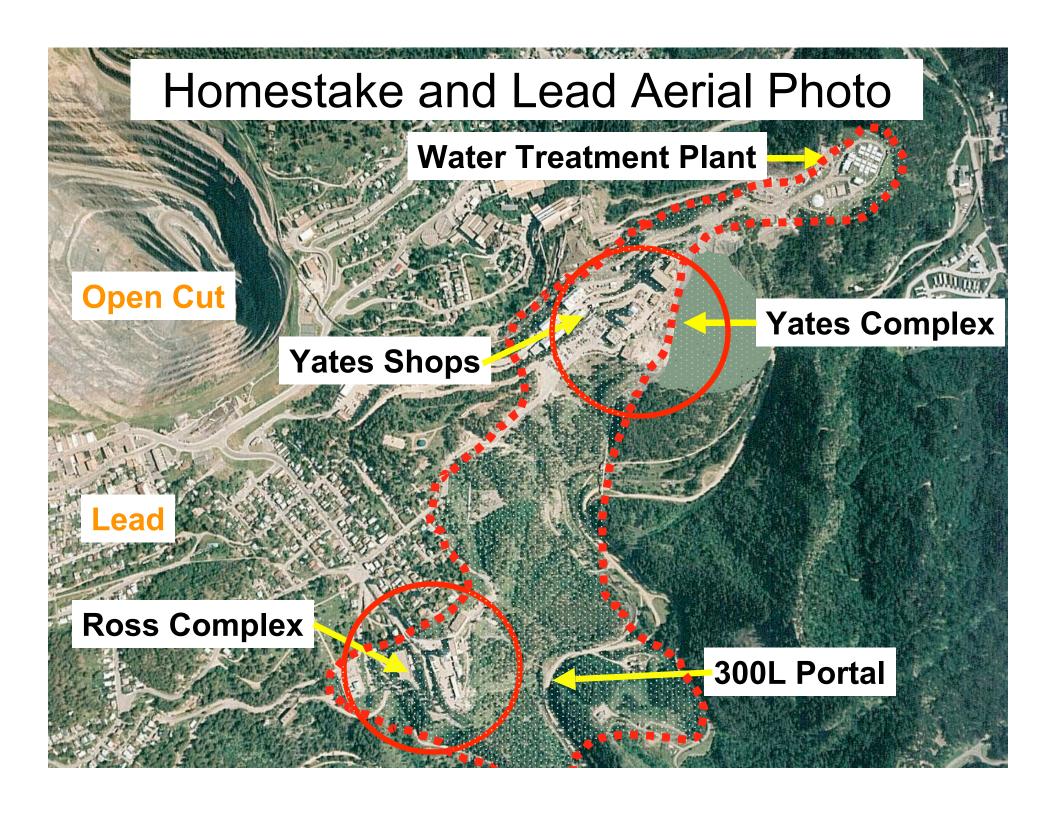


### In April 2006, Barrick Corporation signed a Property Donation Agreement transferring title to the SDSTA

#### SDSTA ownership <u>includes</u>

- 186 surface acres and buildings
- All of the underground workings (~800 acres)
- All mineral rights (~7,700 acres)
- Personal property and equipment for Mining-to-Labs Conversion (e.g., extensive u/g and surface infrastructure, pumps, ropes, spare parts, tools, electrical cable, water-treatment facility)
- Property Donation <u>excludes</u> reclaimed property and associated environmental liabilities such as:
  - Open Cut
  - Former mill and ore-processing sites
  - Grizzly Gulch tailings pond



# Primary Conditions of the Property Donation Agreement

- SDSTA owns the property in perpetuity. Barrick relinquishes all rights of ownership.
- The property must be used for scientific and educational purposes.
- SDSTA must provide indemnity to Barrick with \$10M escrow and insurance requirements. (This is in place.)

SDSTA's role is to manage the property, develop and operate the Interim Laboratory in preparation for the phased development of DUSEL.

# In 2006, T. Denny Sanford pledged \$70M to support the development of the laboratory

- The gift was made to the SDSTA and is under Authority control.
- \$70M gift has three parts:
  - 1. \$35M to develop the Interim Lab and Infrastructure from the surface through 4850 Level
  - 2. \$20M for the Sanford Center for Science Education
  - 3. \$15M for dewatering and to develop infrastructure for access to Deep Levels below 4850



- Conditions for the Sanford Gift:
  - Facility is to be named for Sanford
  - Contingent on sole selection of Homestake for DUSEL by NSF
  - Funding of \$10M secured from other sources for experiments at Homestake
  - Expenditure of State funds allocated for the Interim Lab

### Funds Administered by the SDSTA

•	HUD funds	\$ 10M
	(For maintenance of the integrity of the	
	infrastructure during the NSF decision process)	
•	SDSTA funds	\$ 35M *
•	Sanford Gift	\$ 70M
	Total	\$ 115M

The timing for expenditure of these funds to develop the interim laboratory is contingent upon demand for scientific uses.

<sup>\*</sup> Plus accruing interest

#### Planned Upgrades and Property Improvements

# SDSTA-controlled resources will be used to complete infrastructure improvements which will enable DUSEL development to start at the 4850 level.

- Improved Access to the 4850 Level:
  - Rehabilitation of the Yates and Ross Shafts
  - Hoist modernization
    - Thyristers to replace the MG sets
    - Automated, computer-controlled systems
  - Automated Personnel Hoist (enabling ~10 minutes from dry to 4850)
  - Yates conveyance customization
    - Increased size-capacity for materials and equipment

### Planned Upgrades and Property Improvements (cont.)

- Underground Laboratory Development for Scientific Research
  - Sanford Underground Laboratory at the 4850 Level
  - Planned Low-background Counting Facility
  - Radon-reduced air supply for underground experiments
  - New services, utilities and communications
- Infrastructure upgrades to prepare for DUSEL below 4850 Level
  - Deep dewatering & operation of maintenance-pumping systems
  - Infrastructure development for access to 8000 Level
- Surface Infrastructure Enhancements for User Support
  - Building conversion and optimization
  - Office and laboratory space, support vehicles
  - Facilities for Education and Public Outreach
  - Sanford Center for Science Education

### Status of Rehabilitation

#### Surface work

- Both Ross hoists re-commissioned
- Fan installation on #5 shaft nearly complete
- Material either acquired or bid

#### Underground work

- Bids received
- Approval by Board at May 10<sup>th</sup> Board meeting
- Start underground June 1st
- Projected completion by September 1st

### Summary of SDSTA's Role in preparation for DUSEL

- Hold title to the property
- Ensure compliance with the Property Donation Agreement and state requirements (including environmental protection and safety)
- Conduct rehabilitation and conversion into laboratories and space for user-support
- Develop Education and Public Outreach facilities and programs
- Help solicit proposals and secure experiments for the Interim Laboratory
- Manage the physical property of the facility
- Provide the entity for management and operations of the property and infrastructure until the DUSEL management structure is established
- Assume a landlord role once DUSEL is established

### SDSTA's Intent

- Strategy intended to make Homestake a viable choice
  - Maximize advantages
  - Overcome disadvantages
- No intention to compete with DUSEL
- Upon site selection the Authority will:
  - Work with NSF and entire scientific community to maximize use of funds under our control
  - Will fill positions with input from entire scientific community and funding agencies
    - Board
    - Executive Director
    - Laboratory Director
    - Safety and other key roles

